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		Application Number	10/091,628	
INF	ORMATION DISCLOSURE	Filing Date	Mar 6, 2002	
ST	ATEM EN T BY APPLICANT	First Named Inventor	Wilganowski	
317	ATEMENT BY APPLICANT	Group Art Unit	1635	
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Sheet	1 1002 5 of 3	Attorney Docket Number	LEX-0314-USA	

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Examiner nitials*	Cite No.1	RADEMA Patent D	ocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA _	4,215,051		Schroeder et al	07/29/80	
	AB	4,376,110		David et al	03/08/83	
	AC	4,594,595		Struckman	06/10/86	
	AD	4,631,211		Houghten	12/23/86	
	AE	4,689,405		Frank et al	08/25/87	
	AF	4,713,326		Dattagupta et al	12/15/87	
	AG	4,873,191		Wagner et al	10/10/89	<u> </u>
	AH	4,946,778		Ladner et al	08/07/90	\sim - III
	Αl	5,252,743		Barrett et al	10/12/93	罗卢〇
	AJ	5,272,057		Smulson et al	12/21/93	
	AK	5,424,186		Fodor et al	06/13/95	<u> </u>
	AL	5,445,934		Fodor et al	08/29/95	2:002 C
	AM	5,459,127		Felgner et al	10/17/95	S S M
	AN	5,556,752		Lockhart et al	09/17/96	
	AO	5,700,637		Southern	12/23/97	8 .
	AP	5,744,305		Fodor et al	04/28/98	
	AQ	5,830,721		Stemmer et al	11/03/98	
	AR	5,837,458		Minshull et al	11/17/98	
	AS	5,869,336		Meyer et al.	02/09/99	
	AT	5,877,397		Lonberg et al	03/02/99	
	AU	5,948,767		Scheule et al.	09/07/99	
	ΑV	6,075,181		Kucherlapati et al	06/13/00	
	AW	6,110,490		Thierry	08/29/00	
	AX	6,114,598		Kucherlapati et al	09/05/00	
	AY	6,150,584		Kucherlapati et al.	11/21/00	

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Substitute for form 1449B/PTO Substitute for form 1449B/PTO Complete if Known **Application Number** 10/091.628 **INFORMATION DISCLOSURE** Filing Date Mar 6, 2002 STATEMENT BY APPLICANT Wilganowski First Named Inventor GIPE Group Art Unit 1635

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Examiner Initials*	No.	TRADE Mem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	AZ	Bird et al, 1988,	"Sing	le-Chain Antigen-Bir	ding Proteins", Science 242:42:	3-426.			
	BA	Bitter et al, 1987	7, "Exp	pression and Secretion	on Vectors for Yeast", Methods	in Enzymology 153:516-544.		_	
BB Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol 14.							150:1-		
	ВС	Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", PNAS 80:2026-2030.							
BD Gautier et al, 1987, "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalatin oxazolopyridocarbazole. Synthesis, physiochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.									
	BE	Gordon, 1989, "	Trans	genic Animals", Inter	national Review of Cytology, 11	5:171-229.		_	
	BF	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.							
	BG	Gu et al, 1994, " Science 265:103			erase β Gene Segment in T Cell	s Using Cell Type-Specific Gene Target	ing",		
	ВН	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.							
	ВІ	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.							
	BJ	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and R Nase H", FEBS Letters 215(2):327-330.							
	ВК	Inoue et al, 1987 Acids Research			ation studies on two complemen	tary nona(2'-O-methyl)ribonucleotides",	Nucleic		
	BL	Inouye & Inouye 3110.	, 1985	5, "Up-promoter muta	ations in the lpp gene of Escheri	chia coli", Nucleic Acids Research 13(9)	:3101-		
	ВМ	Janknecht et al, vaccinia virus", F			purification of native histidine-ta	agged protein expressed by recombinan	t		
	BN	Kohler & Milsteir 256:495-497.	ո, 197	5, "Continuous cultu	res of fused cells secreting antib	oody of predefined specificity", Nature			
	во	Lakso et al, 1992 Sci. USA 89:623			tivation by site-specific recombir	nation in transgenic mice", Proc. Natl. Ac	ad.		
	BP	Lavitrano et al, 1 Cell 57:717-723.		"Sperm Cells as Ved	tors for Introducing Foreign DN	A into Eggs: Genetic Transformation of I	vice",		
	BQ	Lo, 1983, "Trans Cell. Biology 3(1			Microinjection of DNA: Multiple	Integrations without Tandem Insertions	", Mol. &		
	BR	Logan et al, 198 Acad. Sci. USA			ader sequence enhances transl	ation of mRNAs late after infection", Pro-	c. Natl.		
BS Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.									
	ВТ			Chimeric human ant Acad. Sci. USA 81:6		n-binding domains with human constant	region		
	BU Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.						ine		
	вν	Neuberger et al,	1984	, "Recombinant antib	oodies possessing novel effecto	r functions", Nature 312:604-608.		_	
	вw	Nisonoff, 1991, "	'Idioty	pes: Concepts and A	Applications", J. of Immunology	147:2429-2438.		_	
	вх	O'Hare et al, 198 expressing a pro	B1, "Ti okaryo	ransformation of mo	use fibroblasts to methotrexate uctase", Proc. Natl. Acad. Sci. U	resistance by a recombinant plasmid ISA 78(3):1527-1531.		_	
								_	

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Examiner Initials*	Cite No.		(book, magazine, journal,	in CAPITAL LETTERS), title of the arti- serial, symposium, catalog, etc.), date ublisher, city and/or country where pub	, page(s), volume-issue number(s),		T²		
	BY	Ruther BANK, 1983, "E	asy identification of c	DNA ciones", EMBO Journal 2(10):1791-1794.				
	BZ	Santerre et al, 1984, " markers in mouse L c	Expression of prokar ells", Gene 30:147-1	yotic genes for hygromycin B ar 56.	nd G418 resistance as dominant-s	election			
	CA	Sarin et al, 1988, "Inhi methylphosphonates",		munodeficiency syndrome virus ci. USA 85:7448-7451.	by oligodeoxynucleoside	7			
	СВ	Smith et al, 1983, "Mo Mutations within the P		of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion //rol. 46(2):584-593.					
	СС	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.							
	CD	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.							
	CE	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and huma constant region sequences", Nature 314:452-454.				and human			
	CF	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targe in Embryonic Stem Cells", Cell 56:313-321.				iene Targetin	g		
<u>.</u> "	CG	Van Der Putten et al, Sci. USA 82:6148-615		on of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad.					
	СН	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.							
•	CI	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.							
	CJ	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.							
	СК	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.							
									

Examiner	1	Date		
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